Peak District National Park

Forecast valid from 00:00 on Wednesday 11 May 2022 until 23:59 on Thursday 12 May 2022

Forecast Issued on Tuesday 10 May 2022 at 15:28

Confidence: High confidence for a brief period of cooler and more unsettled weather on Wednesday, but uncertainty regarding timing of the heaviest rainfall. High confidence for a return to dry and warmer conditions for the weekend.

Headline for Wednesday 11 May 2022: Cloudy with rain during the morning, brighter into the afternoon.

Mountain weather hazards on Wednesday 11 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
10%	30%	60%	80%	80%	40%	30%	10%

Forecast for Wednesday 11 May 2022

Weather: A cloudy start to the day, with outbreaks of rain spreading into the morning. These perhaps turning heavy and persistent at times late morning before increasingly clearing into the afternoon and evening with some late brightness and occasional showers following, these perhaps very locally heavy.

Chance of cloud-free hill tops above 600m: 30% during the morning but becoming 90% into the afternoon and evening.

Low cloud and visibility: Broken cloud about around 300-400m through the morning, but tending to lift and break into the afternoon to leave summits clear. Visibility generally good but reducing to a few km in rain, and very poor in cloud.

Forecast for Wednesday 11 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/34 SW	27/36 SW	23/31 SW	20/27 SW	14/20 SW	19/27 W	18/26 W	15/23 W	15/23 W
300	19/28 SW	20/29 SW	17/25 SW	15/22 SW	11/16 SW	15/22 W	15/24 W	11/20 W	11/18 W
Valley	12/26 SW	13/27 SW	11/24 SW	11/22 SW	8/16 SW	13/25 W	13/24 W	8/18 W	7/17 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	7/1	7/2	7/3	7/3	8/4	8/4	6/2	5/1
300	9/6	9/5	9/6	9/6	10/7	11/8	11/8	9/6	8/5
Valley	10/7	10/7	10/7	10/8	10/9	12/10	11/9	9/7	8/6
Freezing Level*	1500m	1600m	1600m	1500m	1600m	1500m	1400m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor conditions likely at height through the morning, with gusts of 35-45mph possible over ridges and summits to start and temperatures feeling only slightly above freezing. Moderate to High levels of UV into the afternoon despite patchy cloud cover.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 09 May 2022	0mm	0mm	11.4mm

Forecast for Thursday 12 May 2022

Weather: Generally dry and bright through the day, with fresh westerly winds and just the small risk of a shower.

Maximum wind: West/southwesterly 20-25mph, gusting 30-35mph into the afternoon.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Some early low cloud possible for western slopes above around 500m during the morning but lifting quickly, with cloud bases above summits into the afternoon and good visibility.

Temperature: **Valleys:** 8 Celsius increasing to 13 Celsius
At 600m: 5-8 Celsius
Freezing level: Above summits